



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of
RADEMACHER et al.

Serial No. 10/009,629

Filed: December 12, 2001

) Group Art Unit: 1616

) Examiner: Pryor

For: METHOD OF GENERATING PLANTS WITH AN INCREASED CONTENT
OF FLAVONOIDS AND PHENOLIC CONSTITUENTS

TECH CENTER 1600/2900

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Honorable Commissioner of
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Sir:

AMENDMENT UNDER 37 CFR 1.111

In response to the Office action of April 10, 2002, please enter the following
amendment.

IN THE CLAIMS

Please amend the claims as follows.

B1
1. (amended) A method of increasing and qualitatively modifying the content of
flavonoids and phenolic constituents in a plant selected from grapevines, cherries,
plums, sloes, blueberries, strawberries, citrus fruit, pawpaw, red cabbage, broccoli,
Brussels sprouts, kale, carrots, parsley, celery/celeriac, onions, garlic, tea, coffee,
cacao, maté, hops, soya, oilseed rape, [oats, wheat, rye,] *Aronia melanocarpa* or *Ginko*
biloba, which comprises treating the [plants] plant with an acylcyclohexanedione of the